

Data Sheet

Product Reference

HSA (1.6mm)

A conformable white closed cell PE foam coated on both sides with a very high performance crosslinked pure acrylic adhesive, and protected by our production aid film liner.

Key Features:

- Thicker foam has improved gap-filling ability**
- Very high shear strength, even at high temperatures**
- Excellent long term performance**
- Excellent resistance to water, most solvents and UV light**
- Compatible with polycarbonate and acrylic**
- Good resistance to plasticised PVC**
- Easy positioning with production aid liner**
- Suitable for outdoor applications**

Limitations:

Like all pure acrylic adhesives, HSA requires smooth clean surfaces, warmth and firm pressure for best results, and the full bond strength may take several hours to develop. It will not bond well to low surface energy materials.

Technical details:

Thickness	1.6	mm	
Peel Adhesion @ 23°C	16 *	N/25mm	*Foam
Peel Adhesion @ 70°C	10 *	N/25mm	Tears
Shear (AFERA) @ 23°C	40	N/625mm²	
Shear (AFERA) @ 70°C	10	N/625mm²	
Shear (PSTC) @ 23°C	1000	Hours	
Shear (PSTC) @ 70°C	100	Hours	
Temperature Range	-40 to + 80	°C	
Min. Application Temp.	+10	°C	

Availability:

HSA 1.6mm is also available with a paper release liner, as HSASP, and in black (in both versions).

Roll widths from 6mm to 1000mm.

Roll lengths normally 50m or 100m; for other lengths please enquire.

Pads, sheets and die-cut shapes: please call to discuss your requirements.

Date: 14/08/2000

Our technical advice is offered in good faith but without warranty. The user is responsible for testing the product under his own conditions of use and assuring himself that it is suitable for his particular purpose. This technical data was obtained under specific laboratory test conditions, and should not be used for specification purposes without prior consultation with us.

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